

1       What is claimed is:

2           1.     A method of providing rebroadcast programming,  
1       comprising:  
2               encoding a rebroadcast program;  
3               specifying a preferred play time; and  
4               providing a broadcast that fits the preferred play time.

6           2.     The method according to claim 1, wherein the encoding a  
1       rebroadcast program comprises encoding a rebroadcast program with a  
2       replay plan which prioritizes portions of the rebroadcast.

4           3.     The method according to claim 1, wherein the specifying a  
1       preferred play time comprises at least one of:  
2               a) specifying the preferred play time in response to a specific user  
3       request;  
4               b) specifying the preferred play time based on a user profile;  
5               c) specifying the preferred play time automatically by another  
6       program;  
7               d) connecting a replay timing to other events, wherein the other  
8       events include at least one of:

10                   1) set automatic pause when phone calls come in,  
11                   2) lengthen a rebroadcast on certain days; or  
12                   3) shorten a rebroadcast based on location of an  
13       automobile;  
14                   e) providing a radio/television player which has at least the  
15       functions of pause and replay which can be selected by the user to deduct  
16       time dynamically during the rebroadcast and which performs at least one  
17       of:  
18                   1) replays the broadcast;

19 2) reacts to the need to pause/rewind;  
20 3) respecifies the adjusted time;  
21 4) plays unlistened to material at a later time; and  
22 5) displays a list of unlistened/unviewed segments;

23 and

24 f) using a default play time for the rebroadcast program if no time is  
25 otherwise specified.

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1                   4. The method according to claim 3, wherein in the  
2 specifying the preferred play time automatically by another program, the  
3 other program comprises at least one of:

- 4                   1) an automobile system which estimates there are so many
- 5                   minutes of drive time left;
- 6                   2) a parental control system which dictates that a child only
- 7                   has so many minutes of viewing time left in their daily allocation;
- 8                   3) a computer which knows there is a meeting in so many
- 9                   minutes.

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1        5. The method according to claim 1, wherein the providing a  
2 broadcast that fits the preferred play time comprises at least one of:

3 a) clipping the resulting program to meet the preferred play time  
4 wherein clipping can be done anywhere in the broadcast, at the  
5 beginning, the middle or the end; and

6 b) adjusting by the user the time in the middle of the broadcast so  
7 that the output is dynamically adjusted to the replay plan with new time  
8 parameters, by at least one of:

9                    1) specifying more time is available, or  
10                    2) specifying that less time is available.

1        6. A computer program product including a recording medium,  
2 the recording medium having program instructions stored thereon for  
3 implementing the method according to claim 1.

4  
1        7. A computer program product including a recording medium,  
2 the recording medium having program instructions stored thereon for  
3 implementing the method according to claim 2.

4  
1        8. A computer program product including a recording medium,  
2 the recording medium having program instructions stored thereon for  
3 implementing the method according to claim 3.

4  
1        9. A computer program product including a recording medium,  
2 the recording medium having program instructions stored thereon for  
3 implementing the method according to claim 4.

4  
1        10. A computer program product including a recording medium,  
2 the recording medium having program instructions stored thereon for  
3 implementing the method according to claim 5.

4  
1        11. A system for implementing a method according to claim 1,  
2 comprising:  
3            a remote server having an encoded rebroadcast program thereon,  
4 accessible over a communications network; and  
5            a user device for accessing the encoded rebroadcast program over  
6 the communications network.

7  
1        12. The system according to claim 11, wherein the  
2 communications network comprises the Internet.

1       13. The system according to claim 11, wherein the user device  
2 comprises a personal computer.

3  
1       14. The method according to claim 1, wherein the rebroadcast  
2 program comprises audio.

3  
1       15. The method according to claim 14, wherein the rebroadcast  
2 program further comprises video.

3  
1       16. The method according to claim 1, wherein the rebroadcast  
2 program comprises a radio broadcast.

3  
1       17. The method according to claim 1, wherein the rebroadcast  
2 program comprises a television broadcast.

3  
1       18. The method according to claim 2, wherein the rebroadcast  
2 program comprises at least one of:  
3           audio;  
4           video;  
5           a radio broadcast; and  
6           a television broadcast.

7  
1       19. The method according to claim 4, wherein the rebroadcast  
2 program comprises at least one of:  
3           audio;  
4           video;  
5           a radio broadcast; and  
6           a television broadcast.

7  
1       20. The method according to claim 5, wherein the rebroadcast  
2 program comprises at least one of:

3       audio;  
4       video;  
5       a radio broadcast; and  
6       a television broadcast.

7  
1       21. The method according to claim 1, wherein the rebroadcast  
2       program has a segment record and program data;  
3               wherein the segment record comprises a plurality of fields including  
4       any of: a title field, a length field, a priority field, a location field, a status  
5       field, a next field, a previous field, and an alternate segment specifier field;  
6               wherein the status field specifies one of planned, played, hidden or  
7       forgotten; and  
8               wherein the providing a broadcast that fits the preferred play time  
9       comprises:  
10               setting a user mode to play;  
11               setting all segment status to planned and setting alternate segment  
12       status to hidden;  
13               starting a timer;  
14               until there are no more segments, getting the preferred play time  
15       value;  
16               detecting the user mode, the user mode being one of play, replay,  
17       fast forward or fast reverse;  
18               if the user mode is play, then:  
19                       planning segments; and  
20                       selecting a next planned segment;  
21               if the user mode is not play, and the user mode is replay, then:  
22                       selecting a next planned or played segment;  
23               if the segment status is planned, then setting the mode to  
24       play;  
25               if the user mode is not play and not replay, and the user mode is  
26       fast forward, then:

27 planning segments; and  
28 select a next planned or played segment;  
29 if the user mode is not play, not replay, and not fast forward, and  
30 the user mode is fast reverse, then:  
31 select a previous planned or played segment;  
32 if there are no more segments, then end;  
33 if there are more segments, then:  
34 play segment according to user mode;  
35 if a return mode is play or replay, then:  
36 set segment status to played and alternate segment status  
37 to forgotten;  
38 set the mode to the return mode;  
39 return to getting the preferred play time value until there are no  
40 more segments;  
41 if there are no more segments, then end.

1                   22. The method according to claim 21, wherein the planning  
2 segments comprises:  
3                    setting all segments having a hidden status to planned  
4 status:  
5                    setting all alternate segments status to hidden;  
6                    setting a total plan variable to the sum of all planned  
7 segment lengths;  
8                    beginning with a lowest priority segment, for each planned  
9 segment, if the total planned time is not less than or equal to a time  
10 available variable, and if a segment priority is less than or equal to a  
11 current filter priority, then:  
12                    set segment status to hidden, and set alternate  
13 segment status to planned; and  
14                    decrease total plan by segment length and increase  
15 total plan by alternate segment length.

16

1        23. The method according to claim 1, wherein the encoding a  
2        rebroadcast program comprises:

3                encoding a rebroadcast program with a replay plan which prioritizes  
4        portions of the rebroadcast including assigning a priority to commercials  
5        which have been made to be shortened, dropped, or an alternative  
6        commercial substituted, depending on time limitations.

7

Sub 02        24. wherein the encoding a rebroadcast program comprises:  
1                encoding a rebroadcast program with a replay plan which prioritizes  
2        portions of the rebroadcast; and  
3                providing a rebroadcast packaging and playlist.

4

1        25. The method according to claim 1, wherein the rebroadcast  
2        program is divided into segments;

3                wherein the providing a broadcast that fits the preferred play time  
4        comprises substituting an alternate program segment for a program  
5        segment of the rebroadcast program;

6                wherein an alternate segment is a segment that is not normally  
7        played when there are no time constraints, but can be played instead of  
8        an associated segment of a particular rebroadcast program.

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1        26. The method according to claim 5, further comprising playing  
2        unlistened to material at a later time upon selection by a user.

3

1        27. The method according to claim 26, further comprising  
2        displaying a list of unlistened/unviewed material which can be selected by  
3        a user.

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1        28. The method according to claim 1, wherein the rebroadcast  
2        program has a segment record and program data; and

3 wherein the segment record comprises a plurality of fields  
4 including: a title field, a length field, a priority field, a location field, a status  
5 field, a next field, a previous field, and an alternate segment specifier field.

6 ADD B3

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